

Khate Sefid English Books

for Kids

# Tip Top

# 3

## Science Book



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the Westcliff University



Ivan H. Williams (Ph.D.)  
Majid Tavanaie

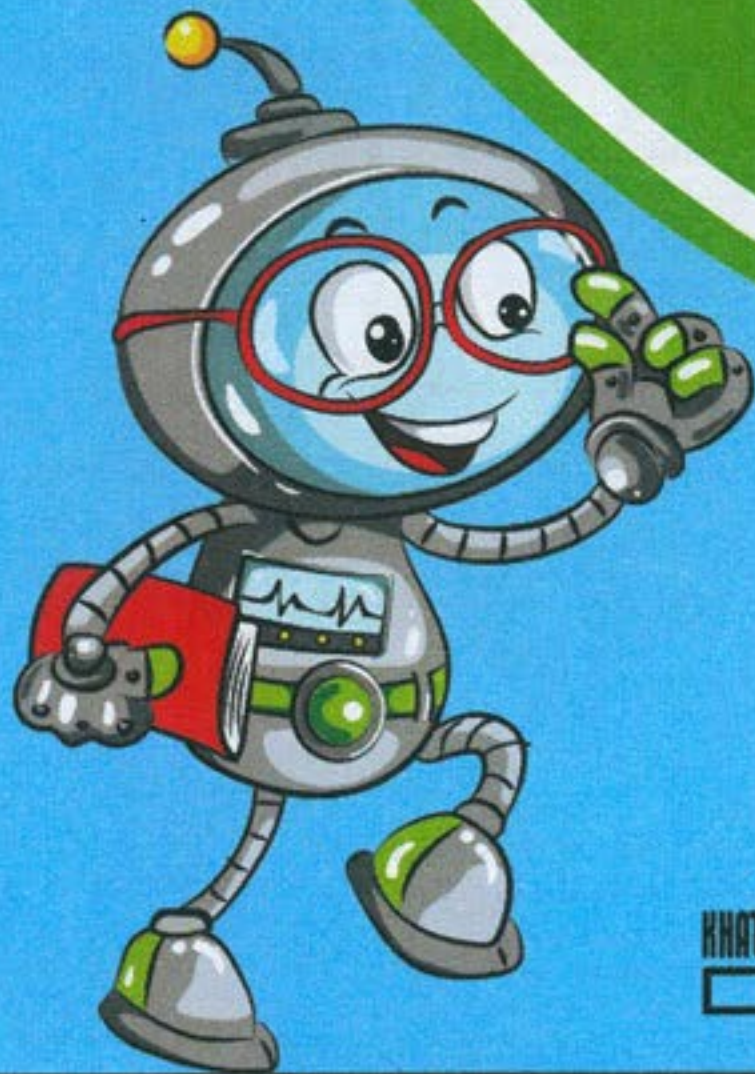
In the Name of God

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# Tip Top 3

Science Book

Ivan H. Williams (Ph.D.)  
Majid Tavanaie



[www.khatesefid.com](http://www.khatesefid.com)

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## Tip Top Science Book 3

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# Different Shapes of Water

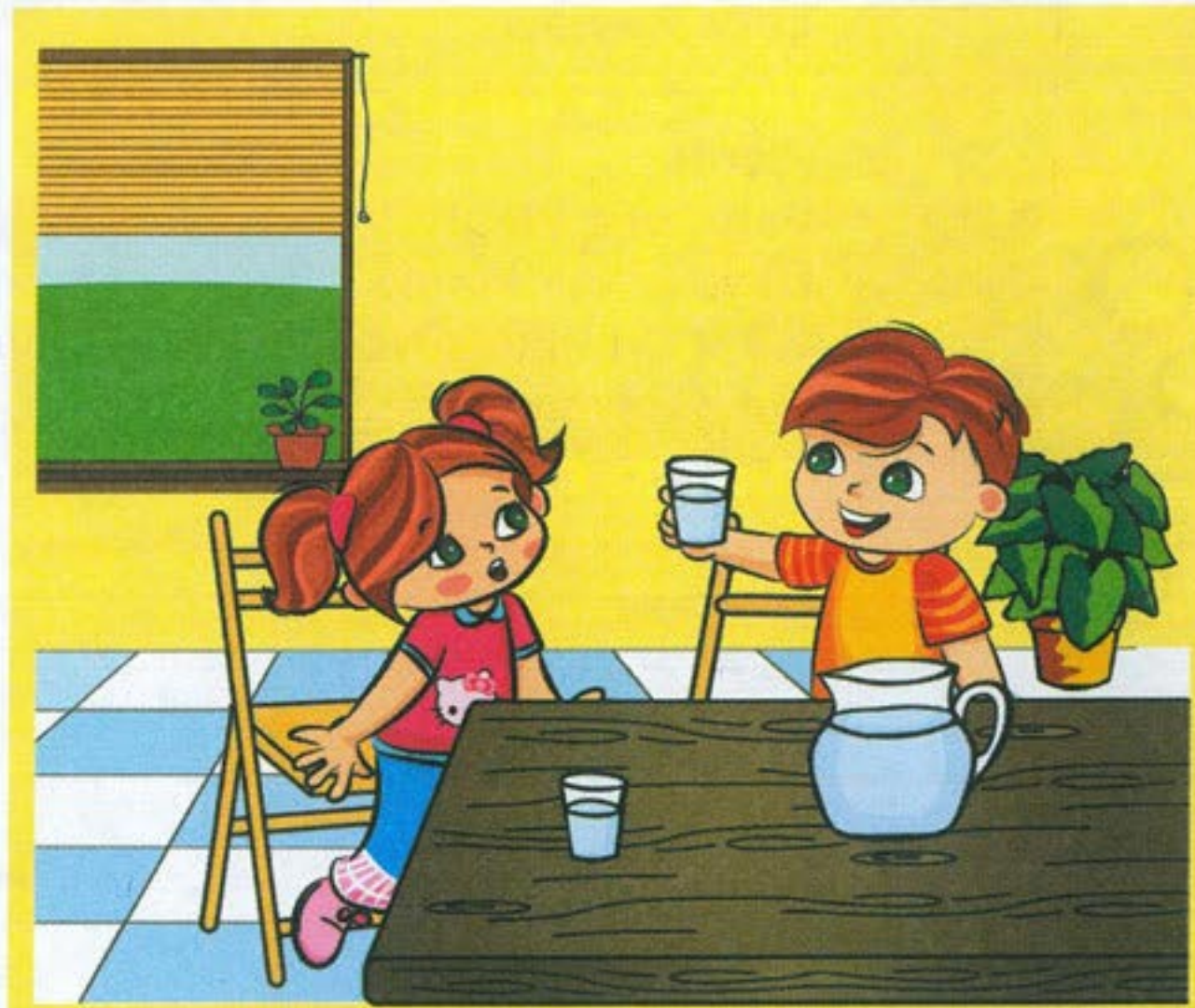
Water

4

Water is good for us.



Water has no color or taste.



## New Words



Water



Color



Taste

**Teaching Standard (TS):** Tell the learners about the importance of water in our life. Tell them that we need to drink 6-8 glasses of water everyday.

We use water for so many things. It is really important for us.

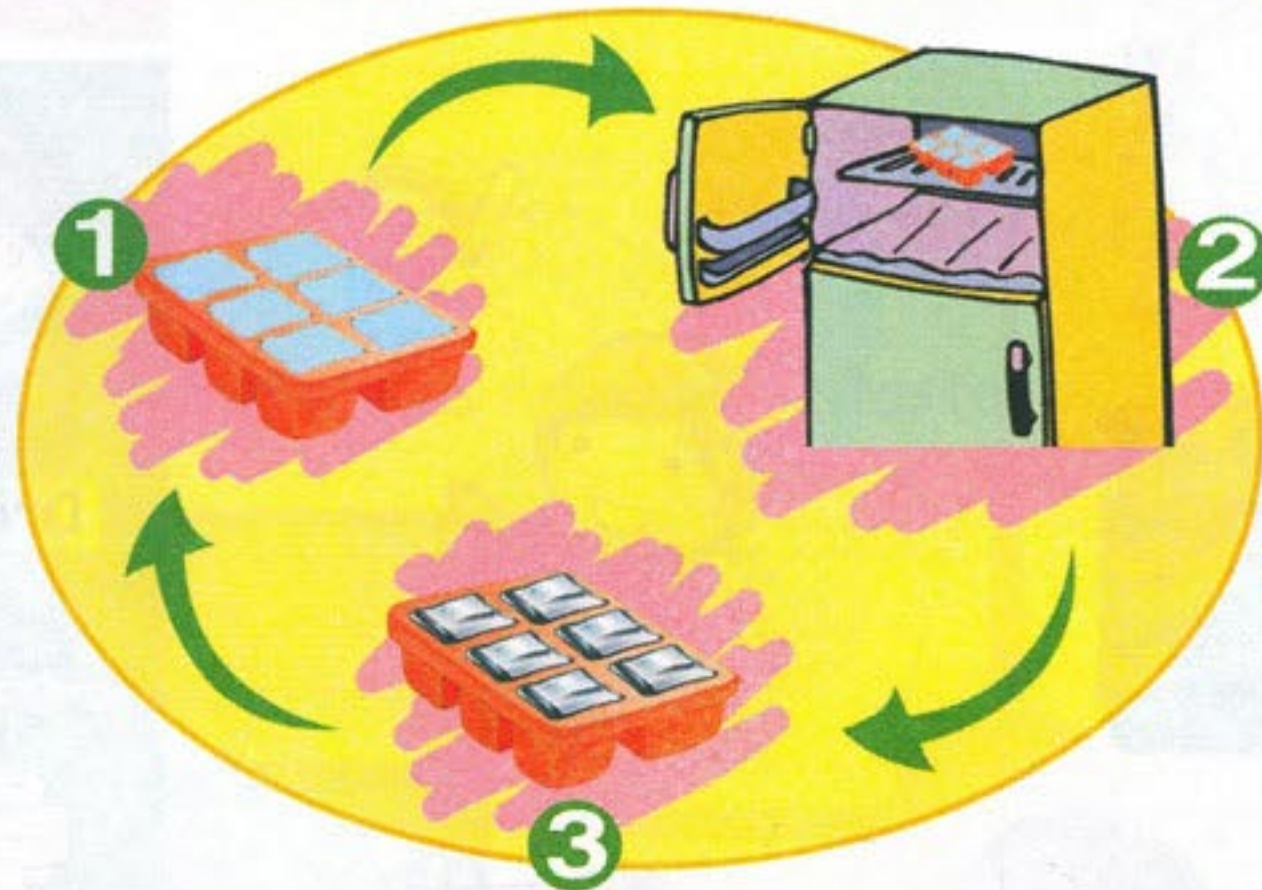


New Words



**TS:** Here you should tell the learners about the uses of water in our lives. Ask them to name more uses of water in our daily activities.

Water becomes ice when it gets very cold.



Water becomes steam when it gets very hot.



New Words



Ice



Water



Steam

**TS:** You can do some experiments in the class to show that water vapors in very hot places and freezes in very cold places.

You can see water as rain.



When it is really cold, rain becomes snow.



New Words



Rain



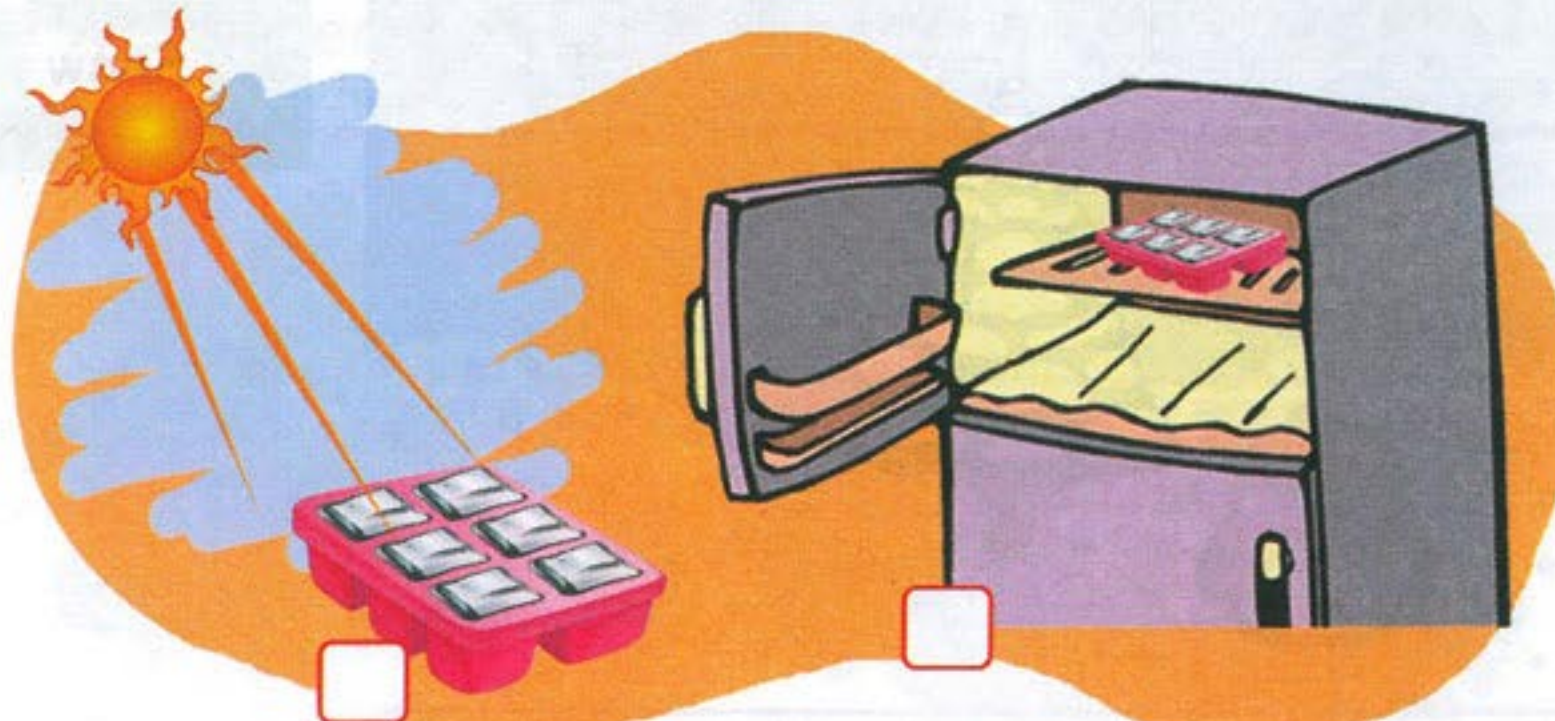
Snow

**TS:** Before starting this section, ask the learners about their experiences in winter when the weather was rainy or snowy. Then, start giving more pieces of information about rain and snow.

A: Which activity does NOT need water?



B: Tick the ice which turns into water faster.



TS: You can create more practices if necessary. Make sure that the learners have learnt the lessons. Then, start the new section.

Review Time



Ice



Water



Steam



Rain



Snow

There are many types of plants. Some of them are small and some others are big.



New Words



Tree



Plant

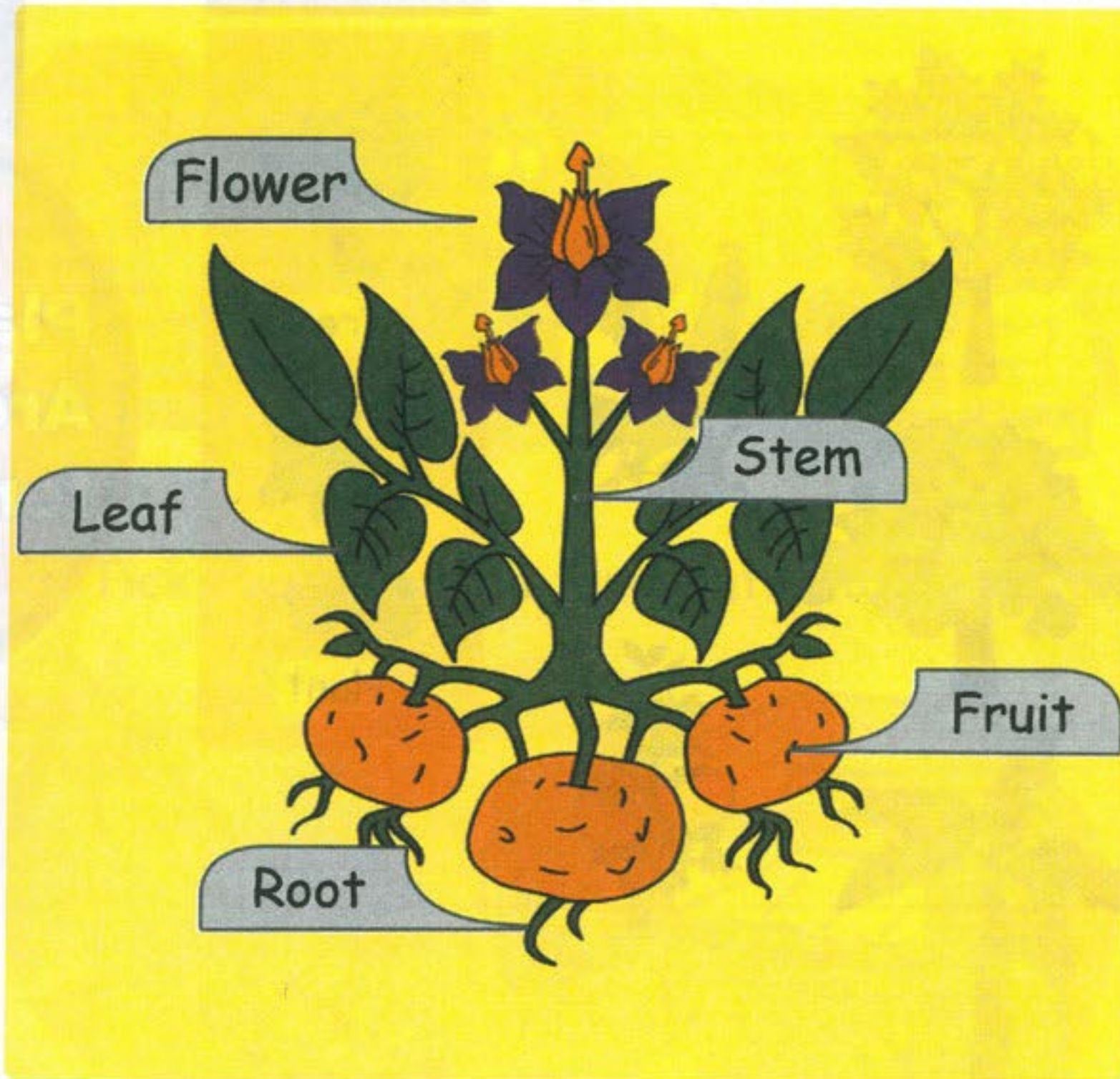
**Plants  
Are Good  
for Us**

**Plants**



**TS:** You can bring some plants to the class and let the learners touch them. Use flashcards to show big and small plants.

A plant has different parts.



### New Words



Leaf



Flower



Fruit



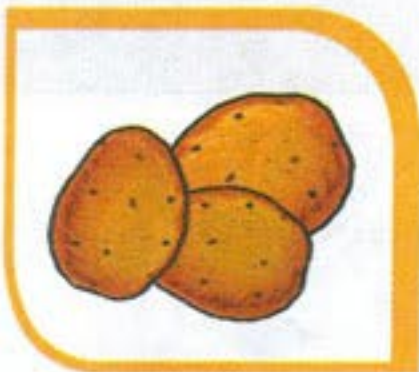
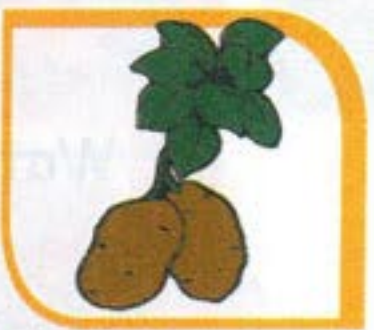
Stem



Root

**TS:** Try to bring a plant to the class with all of the parts mentioned above. Sunflower plant can be a good example.

Some plants give us food.



Some plants give us material to make other things.



New Words



Rice



Banana tree



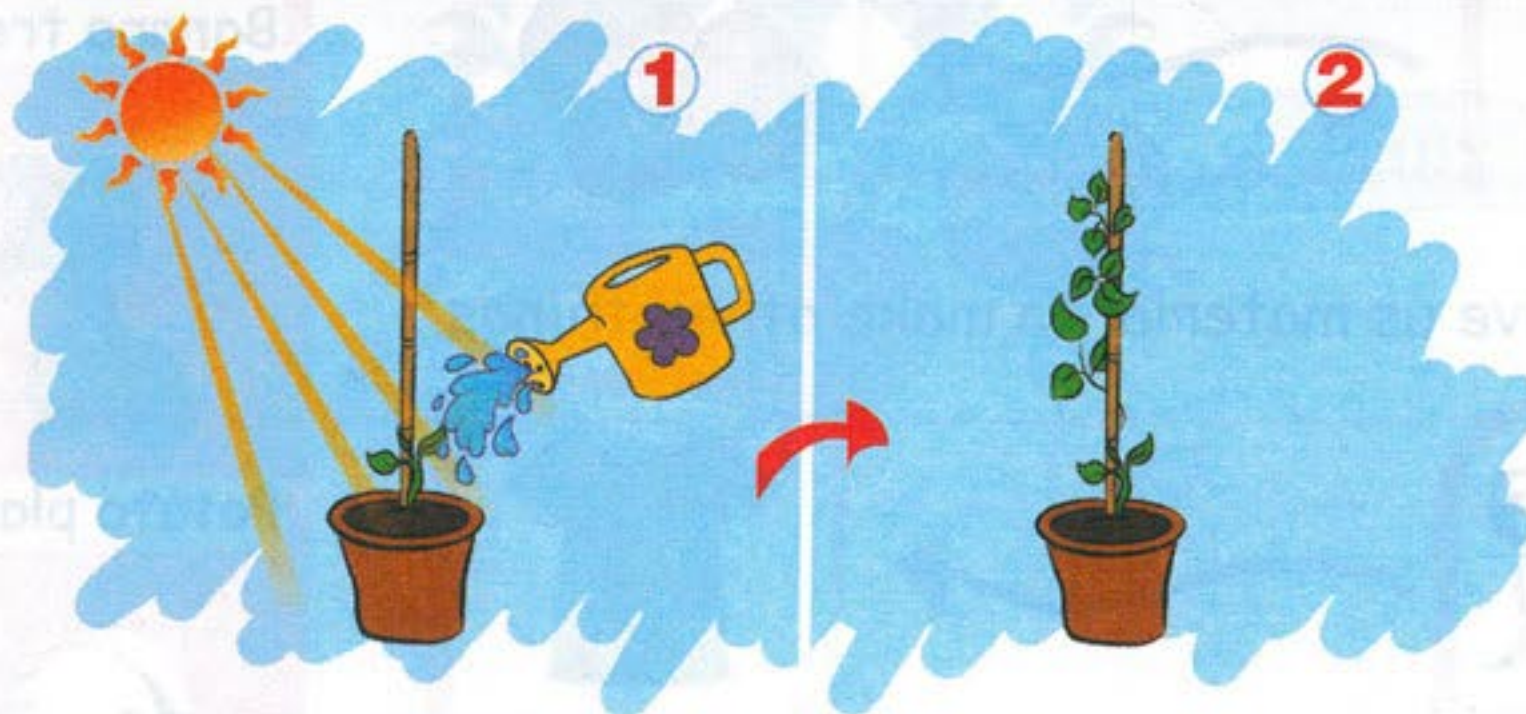
Potato plant



Cotton

**TS:** Tell the learners about some plants which are good for us. Give more examples of useful plants if necessary. Try to connect your teaching to the learners' everyday experience.

Plants need air, water and sunlight to stay alive and grow.



New Words



Sunlight



Water



Alive

**TS:** Tell the learners that plants, as living things, need air, water, sunlight to stay alive. Try to connect what they have learnt with the ones they are going to learn.

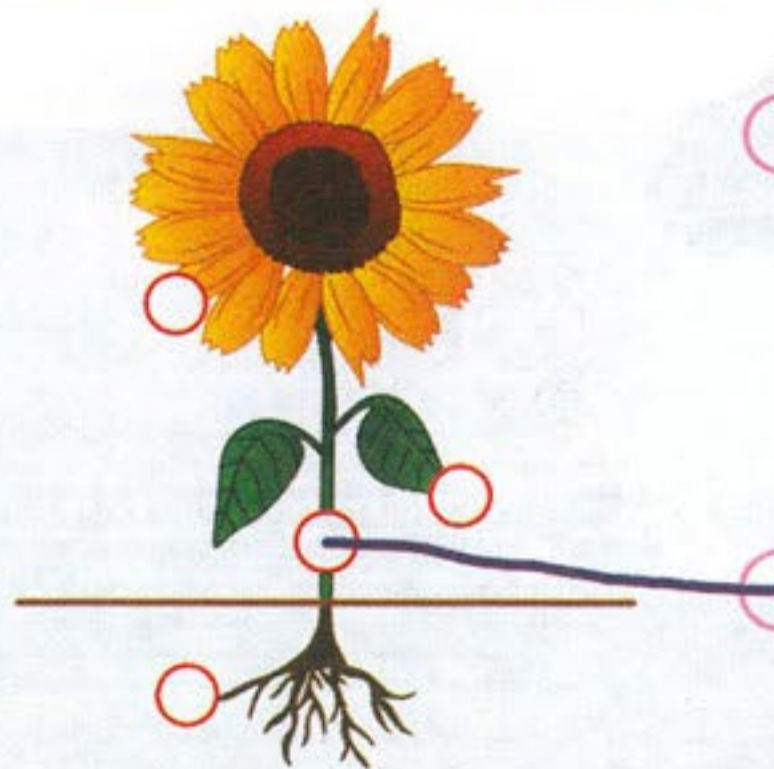
A: Match each label to the correct part.

Flower

Leaf

Root

Stem



Review Time



Leaf



Flower



Fruit

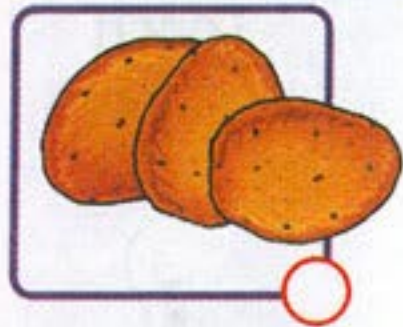


Stem



Root

B: Match each plant to the food/material it gives us.



TS: Ask the learners to do these activities. Look for the parts they have difficulty in them. Try to elaborate on those parts.

# Experiment Time

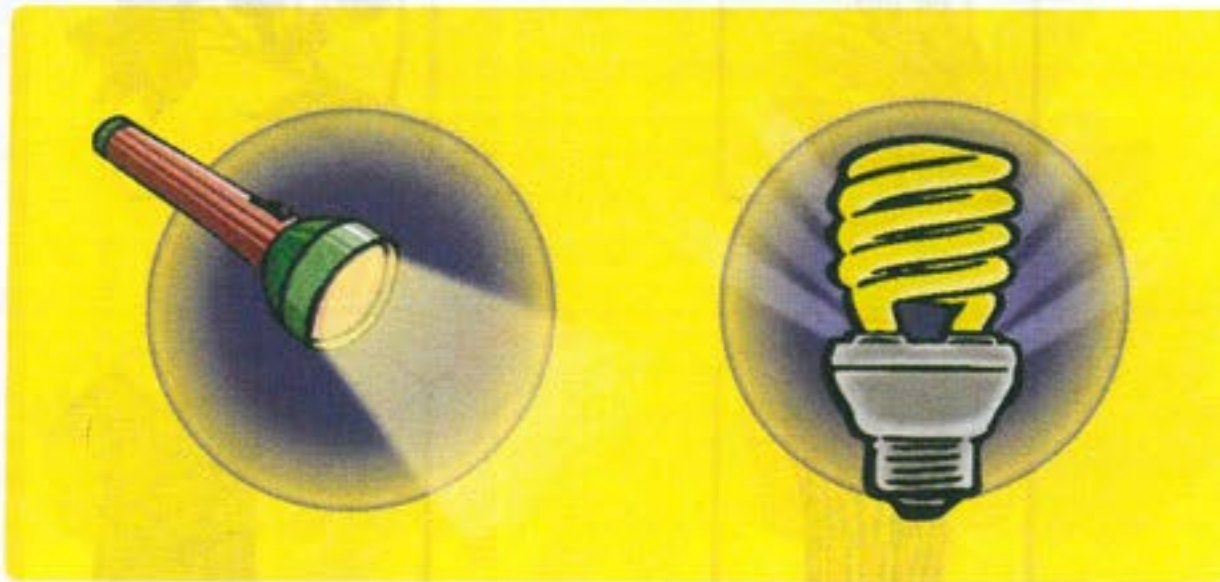
Light

14

Sun gives us light during the day.



Some other tools can also give us light.



**TS:** In this section, you should speak about the sun and everything that gives us light. Here the light source and direction of the beams are important.

## New Words



Sun



Torch



Lamp

Some objects allow the light to go through them.



But some others block the light and make shadows.



**New Words**



**Block**



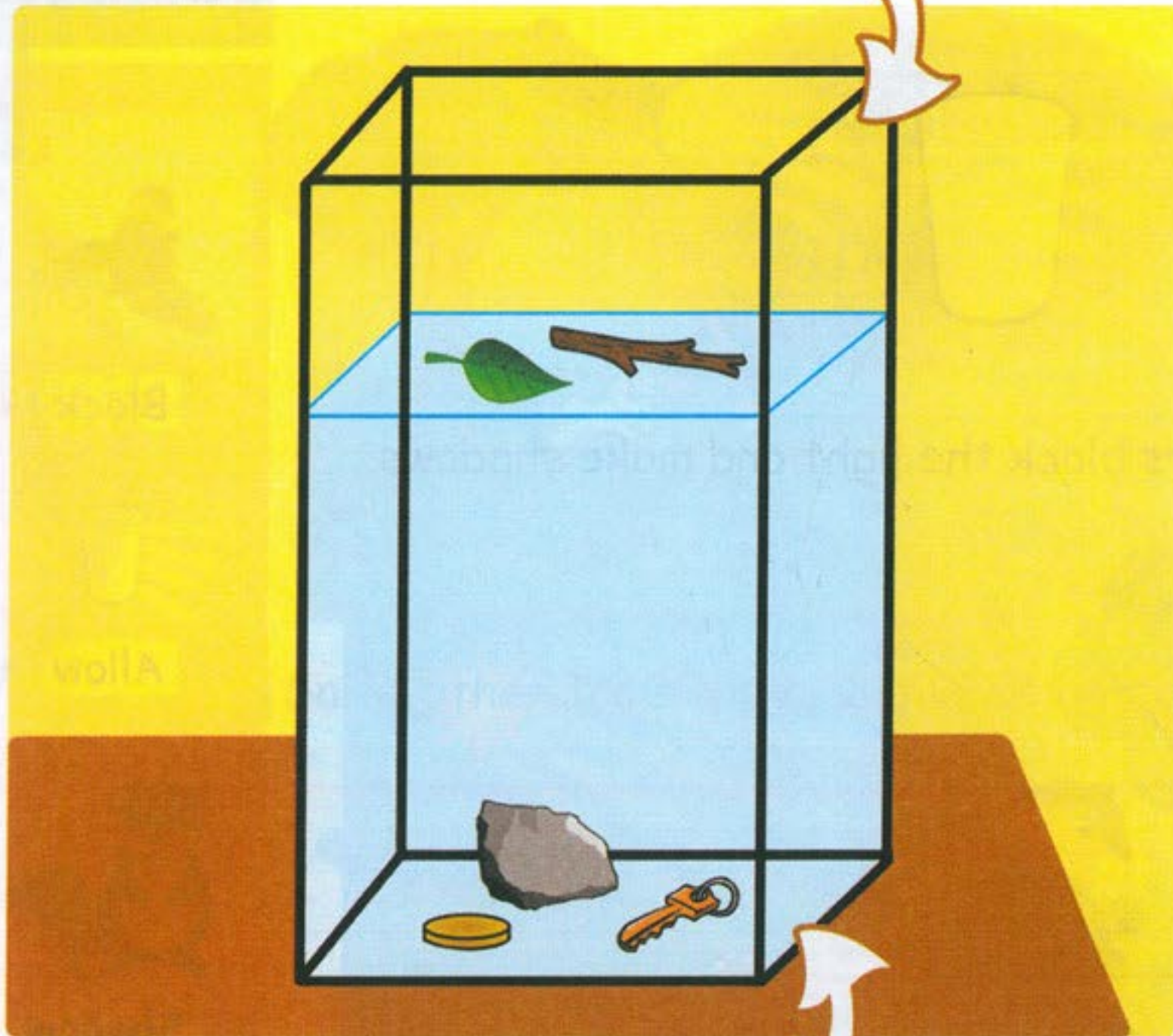
**Allow**



**Shadow**

**TS:** Tell the learners about the light and shadow and how/why shadows are made. Here, the places that shadows are located are really important.

Some objects float on water.



Some others sink in water.

**TS:** In this section, you can have a transparent container filled with water to do the above experiment. Here the learners learn what floats on water and what sinks in it.

### New Words



Leaf



Wood



Stone

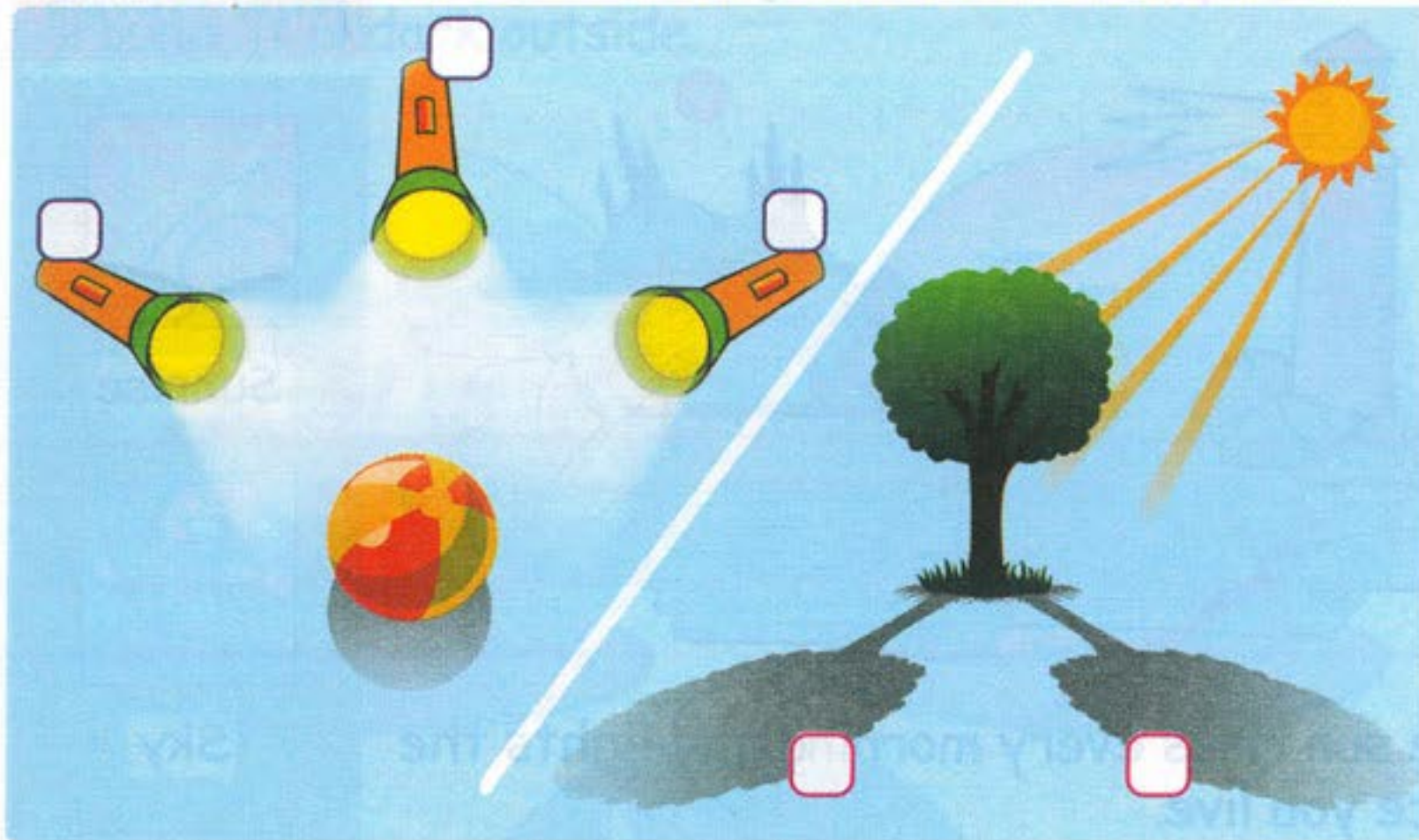


Coin

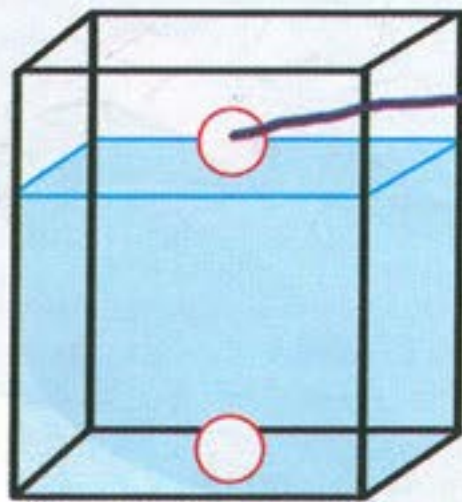


Key

A: Tick the correct torch/shadow in each part.



B: Match each object to the correct place.



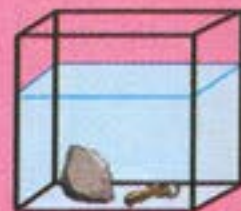
Review Time



Shadow



Float



Sink



Sun



Torch

**TS:** Here you can bring a torch to the class for the first activity and a transparent container filled with water for the second one. Ask the learners some questions and then do the experiments.

Times of a Day

Day/Sunrise

The sun helps us see the objects around.



The sun rises every morning and lights the place you live.



**TS:** Here you should speak about the sun and how it lights the earth. Tell the learners about sunrise.

New Words



Sunrise



Sky



Morning

The sun sets in the evening. When it does not light the ground, it is dark outside.



New Words



Dark



Sunset



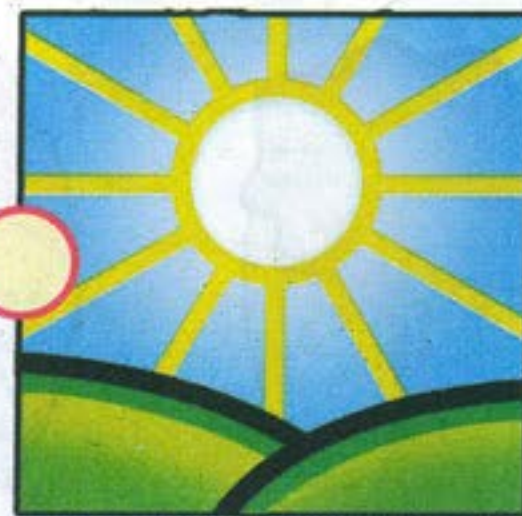
Evening



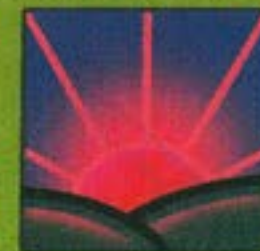
Night

**TS:** You can make a model of the earth and the sun. Tell the learners that when sun sets in the west, day turns to night and when it rises in the east, night goes away and day appears.

A: Match the pictures to the suitable sign.



## Review Time



Sunset



Sunrise



Day



Night

TS: You can check the learners' understanding by asking them to do this activity.

Electricity is very useful for us. Many things need electricity to work.



New Words



Washing Machine



Computer



Lamp



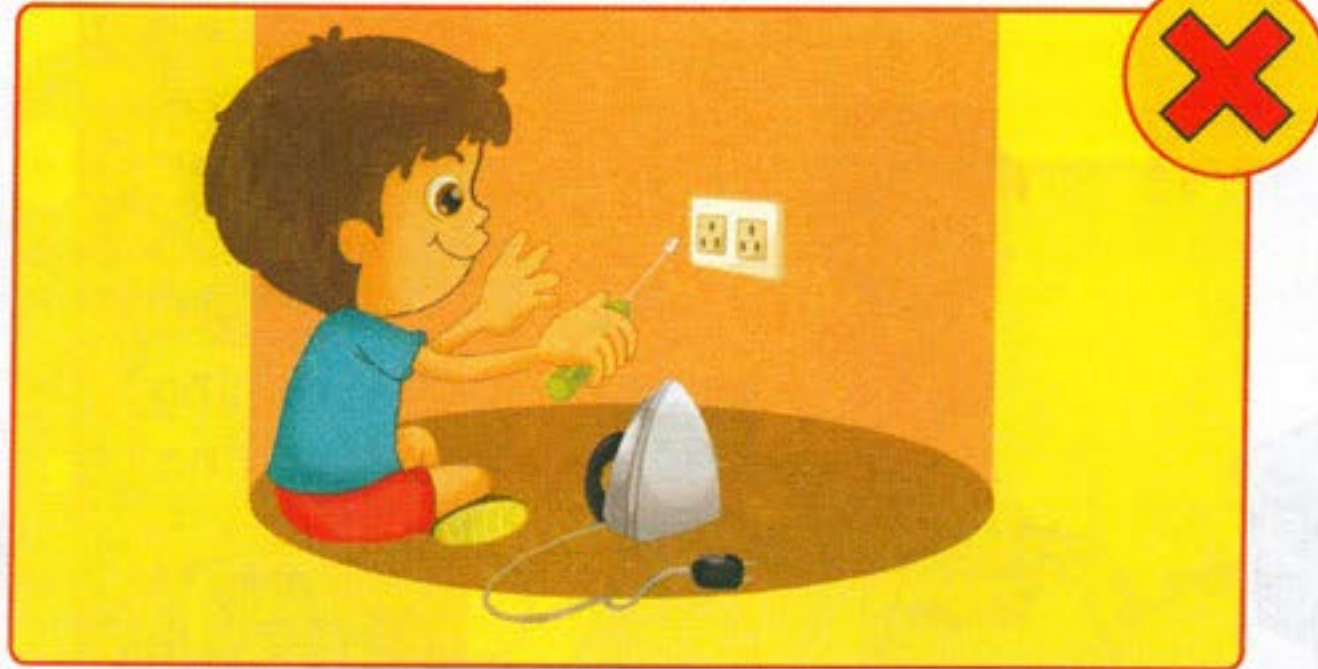
Iron

Electricity

Electricity and Us

**TS:** Here you should speak about the electricity and its uses for us. Give some examples of the devices that need electricity to work.

We should use electricity safely. Never play with the sockets.



Never touch the switches with wet hands.



New Words



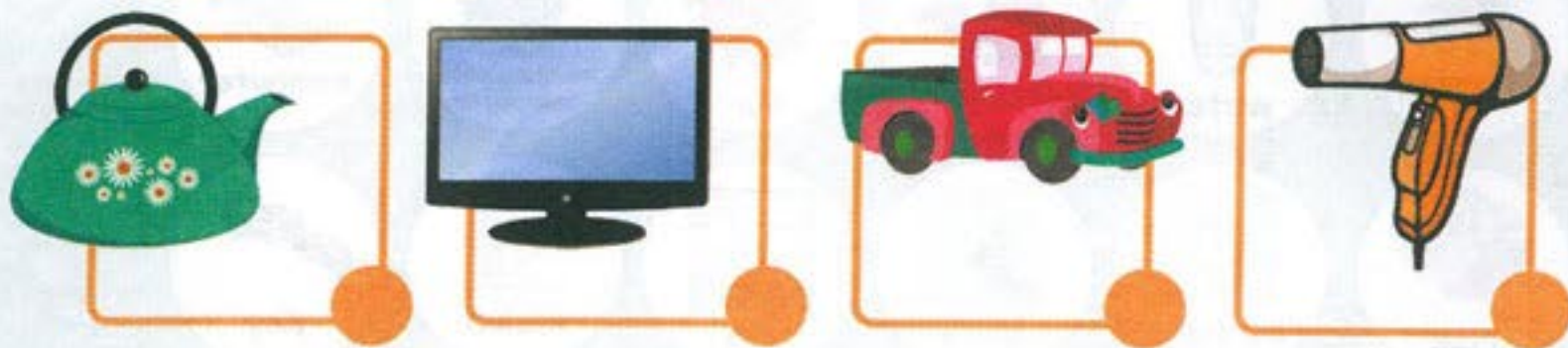
Wet hand



Switch

**TS:** Here you should speak about how we should use electricity safely. Tell the learners some tips for using electricity.

A: Which ones need electricity to work?



B: Choose 😊 or ☹️.



Review Time



Television



Socket

**TS:** Ask the learners to name some jobs that need electricity. Ask them to say whether some actions are safe to do or not.

# Glossary

